

Title (en)
CELL COLLECTION DEVICE

Title (de)
ZELLSAMMELVORRICHTUNG

Title (fr)
DISPOSITIF DE COLLECTE DE CELLULES

Publication
EP 2634245 A4 20170308 (EN)

Application
EP 11836590 A 20111025

Priority
• KR 20100104251 A 20101025
• KR 2011007977 W 20111025

Abstract (en)
[origin: EP2634245A2] A cell collecting device is configured to collect target cells from a fluid sample such as blood or physiological fluid. The cell collecting device includes a first filter having a plurality of first pores formed into a size that enables target cells contained in a fluid sample to pass through the first pores, and a second filter having a plurality of second pores formed into a size that enables the target cells contained to pass through the second pores. The second filter is arranged below the first filter in such a position as to filter the target cells.

IPC 8 full level
C12Q 1/24 (2006.01); **B01L 3/00** (2006.01); **C12M 1/00** (2006.01); **G01N 1/34** (2006.01)

CPC (source: EP US)
C12M 47/02 (2013.01 - EP US); **C12M 47/04** (2013.01 - EP US); **G01N 1/34** (2013.01 - US); **G01N 1/4077** (2013.01 - US); **B01L 3/50255** (2013.01 - EP US); **G01N 2001/4088** (2013.01 - US)

Citation (search report)
• [A] WO 2009097247 A1 20090806 - CALIFORNIA INST OF TECHN [US], et al
• [A] US 2001012612 A1 20010809 - PETERSEN KURT E [US], et al
• [A] US 2006183220 A1 20060817 - NELSON ALAN C [US], et al
• See references of WO 2012057498A2

Cited by
EP3109323A4; EA032557B1; WO2014198242A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2634245 A2 20130904; EP 2634245 A4 20170308; EP 2634245 B1 20190911; CN 103270151 A 20130828; CN 103270151 B 20160120; ES 2759534 T3 20200511; JP 2014501499 A 20140123; JP 5914506 B2 20160511; KR 101254675 B1 20130415; KR 20120042533 A 20120503; US 10502668 B2 20191210; US 2013288360 A1 20131031; US 2016252436 A1 20160901; WO 2012057498 A2 20120503; WO 2012057498 A3 20120726

DOCDB simple family (application)
EP 11836590 A 20111025; CN 201180062661 A 20111025; ES 11836590 T 20111025; JP 2013536505 A 20111025; KR 20100104251 A 20101025; KR 2011007977 W 20111025; US 201113881692 A 20111025; US 201615150311 A 20160509